Data Sheet

We make sure

FUJITSU COMPUTERS SIEMENS

AMILO A1650 / A1650G

Enjoy the brilliant overview

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Pages 3

The AMILO A1650 / AMILO A1650G notebook offers all-round mobile computing with an excellent price/performance ratio. Strong graphics and the widescreen BrilliantView display (optional) guarantee a crystal-clear view anytime and anywhere.
This amazing visual experience is combined with an AMD Mobile Athlon™ 64 Processor.
You are prepared for any circumstances: to start off working, playing, surfing the Internet or simply watching a video - thanks to the preinstalled software.
Connect all sorts of devices to the notebook by using one of the USB 2.0 ports, IEEE 1394 FireWire, the 3-in-1 card-reader or the S-Video out and thus seeing through your life. Through its WLAN capability, the AMILO A1650 / A1650G connects to your network from anywhere in reach of the access point without having to deal with any cables. In addition to this you also get the comfort of a low-noise AMILO by its special "Silent Mode" which reduces the fan noise significantly.

Features

- Supporting Mobile AMD Athlon™ 64 and Mobile AMD Sempron™
- 15.4" WXGA Widescreen display
- Up to 1GB DDR SDRAM in 2 SO-DIMM slots
- ATI Mobility Radeon Xpress 200 with up to 128 MB shared memory supporting Pixel Shader V2.0
- Connect your notebook to external storage devices and video equipment through the IEEE 1394 port offering transfer rates of up to 400Mbits/sec
- Support for "Silent Mode", reducing the fan noise
- Built in WLAN 802.11b/g
- 3 in 1 memory card slot for Multimedia Card, Secure Digital Card and MemoryStick
- Windows XP Home and Application Software

Operating system
Windows XP Home, Recovery CD is included

Fujitsu Siemens Computers recommends Microsoft® Windows® XP

Application Software (optional)
(Software included may vary due to special configuration or country)

a) Microsoft Works Suite 2005
Word 2002, Works 8.0, Microsoft Encarta® Encyclopaedia 2005, Microsoft Picture It!® 10.0, Microsoft AutoRoute 2005*, Microsoft Money 2005*

b) Microsoft Entertainment Pack
Microsoft® Works 8.0, Microsoft® Encarta® Encyclopaedia Standard 2005, Microsoft® Picture IT 10.0, Microsoft® Autoroute 2005*, Microsoft® Zoo Tycoon 1.0, Microsoft® Office Trial Student & Teacher Edition

c) Word 2002A / Works 8.0

d) Works 8.0 + Office Trial Student & Teacher Edition (optional)

*availability depending on language

Adobe Photoshop Elements 3.0 (optional)
Magix Media Suite (optional)
Pinnacle Studio 9 SE (optional)

DVD Playing & Burning Software
InterVideo WinDVD
Nero burning ROM 6

Driver & Utility CD including:
Adobe Acrobat Reader
Norton Internet Security Suite or Norman Anti-Virus

Internet Service Providers – country specific

Manual, Safety Guide and Warranty Guide

System, processors, architecture
Chipset: ATI RS480 + ATI SB400
CPU: Mobile AMD Athlon™ 64 3200+, 3400+, 3700+
AMD Turion™ ML-30, ML-32, ML-34
Mobile AMD Sempron™ 3100+, 3300+, 3400+

Memory
256 – 1024MB DDR SDRAM,
PC/2700 DDR333 SO-DIMM
256 / 512 MB memory modules possible

Storage devices/drives
HDD: 40, 60, 80 or 100 GB PATA hard disk
ODD: 8x Multi format DVD burner with double layer support
Read speed: CDROM 24x, DVDROM 8x
Write Speed: CDR 24x, CDRW 20x. DVD+R 6x, DVDR 6x, DVD+RW 4x, DVD-RW 4x, DVD+R DL (Double Layer 8.5GB) 2,4x

Display
15.4" LCD WXGA, 1280 x 800 pixel
BrilliantView (A1650G) or non BrilliantView (A1650)
Compliance with standards
ISO 13406-2 class II

ACPI functions
S1 standby (LCD off)
S3 save to RAM
S4 save to disk
S5 soft off

Graphics
ATI Mobility Radeon Xpress 200
Up to 128MB RAM shared memory
Full DirectX 9.0 Support: Vertex Shader v2.0 and Pixel Shader v2.0 to create most realistic 3D effects
DVD quality playback
Game acceleration including support for Microsoft's DirectDraw, Double Buffering, Virtual Sprites, Transparent Blit, and Masked Blit
Support for AMD Cool'n'Quiet™ technology for longer battery life
Dual view possible under Win XP Home
Max. recommended external resolution (CRT only)
1600 x 1200 / 16M / 85Hz

I/O Interfaces
1x IEEE 1394, 4x USB 2.0 ports, 1x S-Video
1x memory card slot for MMC/SD/MS
1x type I/II PC Card slot (32 bit CardBus support)
1x modem, 1x LAN, 1x CRT
1x microphone in, 1x line-in
1x headphone out (incl. S/PDIF support)
1x power supply

Communications
- Built-in 56K, V.92 fax modem
- 10/100 Mbps LAN
- Integrated Wireless LAN (WLAN) solution 802.11 b/g[1]:
  - speeds up to 54Mbps
  - industry standard wireless LAN security support
  - wide range for in-house use

For use in BE, CH, DK, DE, EE, FI, FR, EL, IE, IS, IT, LI, LV, LT, LU, MT, NL, NO, PL, AT, PT, SE, SK, ES, CZ, HU, UK, CY, NL

Audio
2 built-in speakers (2x 1W), microphone in, headphone out
Volume regulator wheel
ALC655, compliant with AC'97 V2.3
16-bit stereo full-duplex CODEC
4 analogue line-level stereo inputs with 5-bit volume control, line-in, CD, video, aux

Launch Keys
Located above the keyboard are 3 Launch Keys used to launch the following applications:
- Internet
- WLAN on/off
- Fan control/Silent Mode

Hot Keys

Fn-F1	help hotkey
Fn-F2	puts the computer in sleep mode
Fn-F3	display toggle, switches display output between display screen and external monitor or to dual view
Fn-F4	screen blank, turns the display screen backlight off to save power
Fn-F5	speaker on/off
Fn-PgUp	home
Fn-PgDn	end
Fn- →	screen brightness up
Fn- ←	screen brightness down

Pointing device & control buttons
Touchpad with a left and right mouse button,
Power button / lid switch

Status indicators
The notebook has 7 status icons located at the front:
Wireless activity
Power
Standby
Charge
Drive activity,
NUM Lock
CAPS Lock

Security
User and supervisor password
Kensington Lock

Power system
Li-Ion battery, 6 cells, 3.6V / 2200mAh
App. 2.5 hrs battery runtime, depending on usage[2]
Intelligent power management for prolonged battery life
Dynamic charge supported, ACPI 2.0 supported
External universal AC adapter: 110 – 264 V AC, 47-63Hz, output: 65W / 90W with 20V DC

Dimensions and weight
359mm x 273mm x 39 mm (W x D x H)
3.2 kg[3] (with 15.4" WXGA, Li-Ion battery, HDD, DVD drive)

Certifications
CE Marking
Energy StarOperating conditions

Operating conditions
Operational: 5℃ to 35℃ (ambient temperature)
20% to 85% relative humidity, non-condensing
AC input 110-264 V, 47-63 Hz

Options
AC adapter 90W
- Article Code: FSP:805N00026
- SAP Material Nr.: 1060062491
- EAN: 4 045827 413578

First Battery 6-cell
- Article Code: FSP:805N00021
- SAP Material Nr.: 10600624635
- EAN: 4 045827 414322

USB Floppy Drive
Carrying cases

Warranty
Country specific terms

1. For some countries special regulations apply regarding WLAN importation. Special certification is needed.
2. Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Recharge time varies depending on usage. The recharge capacity may decrease after some moths so that the battery lifetime as well as operating time can not be assured for the whole lifetime of the notebook.
3. Weight may vary depending on actual configuration

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